

Cat6 28AWG Slim Patch Cables

Smaller Diameter, More Space



Overview

Cat6 slim patch cable is the perfect solution for high density data center and SMB applications.

Smaller patch lead size helps alleviate congestion as well as improving airflow with in the racks.

Snagless boot prevents unwanted cable snags during installation and provides extra strain relief.

With fast transmission and excellent signal quality, it ensures peak performance through your LAN.

Application

- Connect components like routers, servers, and switches.
- Rated for any 1/10GBase-T Ethernet.
- Slim design increases airflow in tight spaces.
- Perfect for high density data center and SMB applications.

Key Features

- · Protected by CM-rated PVC jacket
- Stranded Pure Bare Copper
- RJ45 Plugs with 50 Microinches Gold-plated Connectors
- 28AWG Cables Save Space up to 36% than Common Ones
- Snagless Design Protects Clips When Plugging and Unplugging
- Multiple Colors and Lengths Helps Simplify Complicated Cable Runs
- 4 Twisted Pairs Reduce Crosstalk, Noise and Interference
- Tested with a Fluke DSX-8000 Versiv CableAnalyzer
- · CE, Reach, RoHS Certified

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Specifications		
Pı	roduct Type	
Shielding Type	Unshielded (U/UTP)	
Termination End	RJ45 Plug	
Reference Standard	ISO/IEC 11801, ANSI/TIA-568.2-D	
	Conductor	
Conductor Type	Stranded	
Conductor Material	Pure Bare Copper	
Wire Gauge (AWG)	28 (7/0.12mm)	
Conductor Qty.	4 Twisted Pairs	
	Insulation	
Insulation Material	HDPE	
Insulation Diameter (mm)	0.58 ± 0.05	
Core Color	A. Orange, White-Orange, B. Blue, White-Blue, C. Green, White-Green, D. Brown, White-Brown	
Sheath		
Material	PVC (Complies RoHS), CM	
Outer O.D. (mm)	3.8 + 0.2	

Outer O.D. (mm) 3.8 ± 0.2 Thickness (mm) 0.55 ± 0.05 Blue/Black/Gray/Red/Green/ Yellow/White Color Surface Clean, Frap, Satiation

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Specifications

Electrical Characteristics (20 °C)		
Data Rate Support	1/10GBase-T	
Standard Bandwidth (MHz)	250	
Reference Bandwidth (MHz)	550	
1-250MHz, Delay Skew (ns/100m)	≤45	
Max. DC Resistance 20°C (Ω/100m)	23.7	
Max. DC Conductor Resistance Unbalance (%)	5.0	

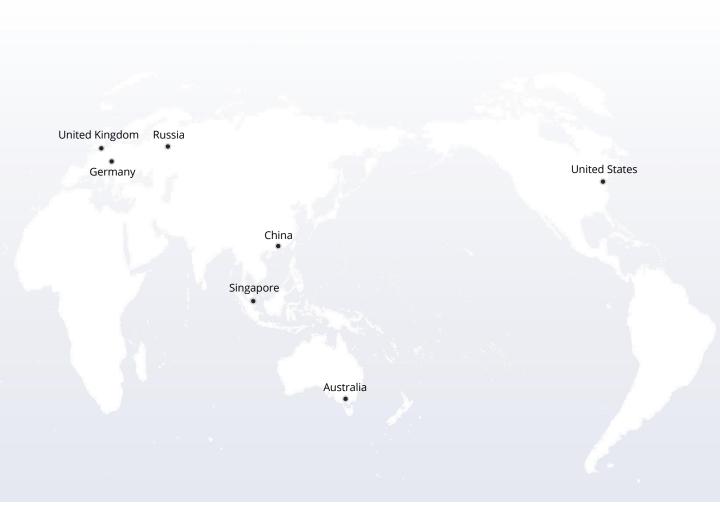
Sheath Physical Properties		
Before Aging Tensile Strength (Mpa)	≥13.5	
Before Aging Elongation (%)	≥150	
Aging Period (°C×hrs)	100°C×24h×7d	
After Aging Tensile Strength (Mpa)	≥12.5	
After Aging Elongation (%)	≥125	
Cold Bend (-20±2°C×4h)	No Visible Cracks	
Min. Bend Radius (cm)	2.7 ± 0.2	

Surface Printing		
Letter Height (mm)	3.0 ± 0.3	
Color	Black	

Others		
Rip Cord	Yes	
Drain Wire	No	

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